

## METHODS AND SYSTEMS FOR MEDICAL IMAGING

## ABSTRACT OF THE DISCLOSURE

A medical imaging system includes an image sensor that receives imaging signals from a region of interest, a memory coupled to the image sensor, and a processor coupled to the memory. The memory stores image data derived from the imaging signals for first and second sub-regions of the region of interest acquired during a first and second occurrence of a physiologic cycle. The processor initiates display of the first image data while the second image data is being acquired and initiates display of the first image data joined with the second image data after the second image data is acquired.